

COMPLIANCE AUDIT

Lansdale Borough Police Pension Plan Montgomery County, Pennsylvania For the Period January 1, 2015 to December 31, 2018

December 2019



Commonwealth of Pennsylvania
Department of the Auditor General

Eugene A. DePasquale • Auditor General



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EUGENE A. DePASQUALE
AUDITOR GENERAL

The Honorable Mayor and Borough Council
Lansdale Borough
Montgomery County
Lansdale, PA 19446

We have conducted a compliance audit of the Lansdale Borough Police Pension Plan for the period January 1, 2015 to December 31, 2018. We also evaluated compliance with some requirements subsequent to that period when possible. The audit was conducted pursuant to authority derived from Section 402(j) of Act 205 and in accordance with the standards applicable to performance audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform our audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe that the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives.

The objectives of the audit were:

1. To determine if municipal officials took appropriate corrective action to address the findings contained in our prior audit report; and
2. To determine if the pension plan was administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies.

Our audit was limited to the areas related to the objectives identified above. To determine if municipal officials took appropriate corrective action to address the findings contained in our prior audit report, we inquired of plan officials and evaluated supporting documentation provided by officials evidencing that the suggested corrective action has been appropriately taken. To determine whether the pension plan was administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies, our methodology included the following:

- We determined whether state aid was properly determined and deposited in accordance with Act 205 requirements by verifying the annual deposit date of state aid and determining whether deposits were made within 30 days of receipt for all years within the period under audit.

- We determined whether annual employer contributions were calculated and deposited in accordance with the plan's governing document and applicable laws and regulations by examining the municipality's calculation of the plan's annual financial requirements and minimum municipal obligation (MMO) and comparing these calculated amounts to amounts actually budgeted and deposited into the pension plan as evidenced by supporting documentation.
- We determined whether annual employee contributions were calculated, deducted, and deposited into the pension plan in accordance with the plan's governing document and applicable laws and regulations by testing total members' contributions on an annual basis using the rates obtained from the plan's governing document in effect for all years within the period under audit and examining documents evidencing the deposit of these employee contributions into the pension plan.
- We determined whether retirement benefits calculated for all 5 plan members who retired during the current audit period represent payments to all (and only) those entitled to receive them and were properly determined and disbursed in accordance with the plan's governing document, applicable laws and regulations by recalculating the amount of the monthly pension benefit due to retired individuals and comparing these amounts to supporting documentation evidencing amounts determined and actually paid to recipients. We also determined whether retirement benefits calculated for the lone plan member who elected to vest during the current audit period were properly determined in accordance with the plan's governing document, applicable laws and regulations by recalculating the amount of the pension benefits due to the retired individual and comparing the amount to supporting documentation evidencing the amount determined.
- We determined whether the January 1, 2015 and January 1, 2017 actuarial valuation reports were prepared and submitted by March 31, 2016 and 2018, respectively, in accordance with Act 205 and whether selected information provided on these reports is accurate, complete, and in accordance with plan provisions to ensure compliance for participation in the state aid program by comparing selected information to supporting source documentation.
- We determined whether all annual special ad hoc postretirement reimbursements received by the municipality were authorized and appropriately deposited in accordance with Act 147 by tracing information to supporting documentation maintained by plan officials.
- We determined whether provisions of the Deferred Retirement Option Plan (DROP) were in accordance with the provisions of Act 205 by examining provisions stated in the plan's governing documents.

Lansdale Borough contracted with an independent certified public accounting firm for annual audits of its basic financial statements which are available at the borough's offices. Those financial statements were not audited by us and, accordingly, we express no opinion or other form of assurance on them.

Borough officials are responsible for establishing and maintaining effective internal controls to provide reasonable assurance that the Lansdale Borough Police Pension Plan is administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies. In conducting our audit, we obtained an understanding of the borough's internal controls as they relate to the borough's compliance with those requirements and that we considered to be significant within the context of our audit objectives, and assessed whether those significant controls were properly designed and implemented. Additionally and as previously described, we tested transactions, assessed official actions, performed analytical procedures, and interviewed selected officials to provide reasonable assurance of detecting instances of noncompliance with legal and regulatory requirements or noncompliance with provisions of contracts, administrative procedures, and local ordinances and policies that are significant within the context of the audit objectives.

The results of our procedures indicated that, in all significant respects, the Lansdale Borough Police Pension Plan was administered in compliance with applicable state laws, regulations, contracts, administrative procedures, and local ordinances and policies, except as noted in the following findings further discussed later in this report:

- Finding No. 1 – Noncompliance With Prior Audit Recommendation – Member Contribution Provision Not In Compliance With Act 600
- Finding No. 2 – Noncompliance With Prior Audit Recommendation – Unauthorized Provision For A Killed In Service Benefit Member
- Finding No. 3 – Incorrect Data On Certification Form AG 385 Resulting In A Net Overpayment Of State Aid
- Finding No. 4 – Deferred Retirement Option Plan Not Adopted By Ordinance

Findings No. 1 and 2 contained in this audit report repeat conditions that were cited in our previous audit report that have not been corrected by borough officials. We are concerned by the borough's failure to correct those previously reported audit findings and strongly encourage timely implementation of the recommendations noted in this audit report.

The accompanying supplementary information is presented for purposes of additional analysis. We did not audit the information or conclude on it and, accordingly, express no form of assurance on it.

The contents of this report were discussed with officials of Lansdale Borough and, where appropriate, their responses have been included in the report. We would like to thank borough officials for the cooperation extended to us during the conduct of the audit.

December 2, 2019

A handwritten signature in black ink, appearing to read "Eugene A. DePasquale". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

EUGENE A. DEPASQUALE
Auditor General

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BACKGROUND

On December 18, 1984, the Pennsylvania Legislature adopted the Municipal Pension Plan Funding Standard and Recovery Act (P.L. 1005, No. 205, as amended, 53 P.S. § 895.101 et seq.). The Act established mandatory actuarial reporting and funding requirements and a uniform basis for the distribution of state aid to Pennsylvania's public pension plans. Section 402(j) of Act 205 specifically requires the Auditor General, as deemed necessary, to make an audit of every municipality which receives general municipal pension system state aid and of every municipal pension plan and fund in which general municipal pension system state aid is deposited.

Annual state aid allocations are provided from a 2 percent foreign (out-of-state) casualty insurance premium tax, a portion of the foreign (out-of-state) fire insurance tax designated for paid firefighters and any investment income earned on the collection of these taxes. Generally, municipal pension plans established prior to December 18, 1984, are eligible for state aid. For municipal pension plans established after that date, the sponsoring municipality must fund the plan for three plan years before it becomes eligible for state aid. In accordance with Act 205, a municipality's annual state aid allocation cannot exceed its actual pension costs.

In addition to Act 205, the Lansdale Borough Police Pension Plan is also governed by implementing regulations adopted by the former Public Employee Retirement Commission published at Title 16, Part IV of the Pennsylvania Code and applicable provisions of various other state statutes including, but not limited to, the following:

- Act 147 - Special Ad Hoc Municipal Police and Firefighter Postretirement Adjustment Act, Act of December 14, 1988 (P.L. 1192, No. 147), as amended, 53 P.S. § 896.101 et seq.
- Act 600 - Police Pension Fund Act, Act of May 29, 1956 (P.L. 1804, No. 600), as amended, 53 P.S. § 767 et seq.

The Lansdale Borough Police Pension Plan is a single-employer defined benefit pension plan locally controlled by the provisions of Ordinance No. 1399, as amended, adopted pursuant to Act 600. The plan is also affected by the provisions of collective bargaining agreements between the borough and its police officers. The plan was established January 1, 1957. Active members are required to contribute 3.5 percent of salary to the plan. As of December 31, 2018, the plan had 24 active members, 2 terminated members eligible for vested benefits in the future, 25 retirees receiving pension benefits from the plan and 1 retiree receiving benefits.

BACKGROUND – (Continued)

As of December 31, 2018, selected plan benefit provisions are as follows:

Eligibility Requirements:

Normal Retirement	Age 50 and 25 years of service
Early Retirement	None
Vesting	100% vesting available after 12 years of service

Retirement Benefit:

A monthly benefit equal to 50% of average monthly compensation based on last 36 months, plus an incremental pension of \$100 per month per year of benefit service in excess of 25 years, up to a maximum of \$500 additional per month.

Survivor Benefit:

Before Retirement Eligibility	Refund of member contributions plus interest.
After Retirement Eligibility	A monthly benefit equal to 50% of the pension the member was receiving or was entitled to receive on the day of the member's death.

Service Related Disability Benefit:

A monthly benefit equal to 50% of the member's monthly salary at the time the disability, reduced by any Social Security disability benefits received by the member for the same injury.

LANSDALE BOROUGH POLICE PENSION PLAN
STATUS OF PRIOR FINDINGS

Noncompliance With Prior Audit Recommendations

Lansdale Borough has not complied with the prior audit recommendations concerning the following as further discussed in the Findings and Recommendations section of this report:

- Member Contribution Provision Not In Compliance With Act 600; and
- Unauthorized Provision For A Killed In Service Benefit.

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 1 – Noncompliance With Prior Audit Recommendation – Member Contribution Provision Not In Compliance With Act 600

Condition: As disclosed in the prior audit report, the pension plan’s governing document fails to contain a member contribution provision that is compliant with Act 600.

<u>Provision</u>	<u>Governing Document</u>	<u>Act 600 (as amended)</u>
Member contributions	<p>Each participant shall contribute monthly into the pension fund established hereunder an amount equal to 2.5% of monthly compensation for the calendar year 2007. Any balance of needed annual contributions shall become the obligation of the Borough and shall be paid to the pension funds by annual appropriations. Increases in participant contributions shall be determined as follows:</p> <p>(1) The participants’ contribution shall remain at the rate that such contribution was established at the beginning of the prior year, or be increased on a year-to-year basis as of January 1 of each succeeding year.</p> <p>(2) Participant contributions will be increased only if state aid from the prior year as calculated and applied based on the number of police plan participants is insufficient to meet the police plan minimum municipal obligation requirement. In such instance, the participant contribution may be increased and in no event shall the participant contribution be increased by more than 2% from year-to-year or exceed a maximum contribution of 5% in any year.</p>	<p>Members shall pay into the fund, monthly, an amount equal to not less than 5% not more than 8% of monthly compensation. The governing body of the municipality may, on an annual basis, by ordinance or resolution, reduce or eliminate payments into the fund by members.</p>

Criteria: The police pension plan’s governing document should contain a member contribution provision that is in compliance with Act 600.

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 1 – (Continued)

Cause: Plan officials were unsuccessful in removing the member contribution provision through the collective bargaining process.

Effect: The continued failure to maintain a member contribution provision that is in compliance with Act 600 provisions could result in incorrect contributions being deducted in the future and continued non-compliance with the Act.

Recommendation: We again recommend that municipal officials establish a member contribution rate in accordance with Act 600.

Management's Response: Municipal officials agreed with the finding without exception.

Auditor's Conclusion: We are concerned that the municipality has not complied with the prior audit recommendation and encourage compliance at the earliest opportunity to do so. Compliance will be evaluated during our next audit of the plan.

Finding No. 2 – Noncompliance With Prior Audit Recommendation – Unauthorized Provision For A Killed In Service Benefit

Condition: As disclosed in the prior audit report, Lansdale Borough maintains a police pension plan governed by the provisions of Act 600, as amended. Prior to the adoption of Act 51 of 2009, Act 600 contained a mandatory killed in service benefit provision; however, Act 51 specifically repealed the section of Act 600 that referenced the mandatory killed in service benefit. During the prior audit period, a finding was given to plan officials notifying them of the passage of Act 51. It was recommended that plan officials review the act's implications for the police pension plan with their municipal solicitor. During the current audit period, it has been determined that the pension plan's governing document continues to provide for a killed in service benefit that is no longer authorized by Act 600, as follows:

Ordinance No. 1685, at section 3C, states, in part:

The surviving spouse or children of an officer killed in service shall be entitled to receive a monthly benefit equal to 100% of the member's salary at the time of the officer's death.

Conversely, it was also noted that the borough no longer funds for a killed in service benefit due to its exclusion from the plan's most recently filed January 1, 2017, actuarial valuation.

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 2 – (Continued)

Criteria: Section 1(a) of Act 51 of 2009 states, in part:

In the event a law enforcement officer, ambulance service or rescue squad member, firefighter, certified hazardous material response team member or National Guard member dies as a result of the performance of his duties, such political subdivision, Commonwealth agency or, in the case of National Guard members, the Adjutant General, or, in the case of a member of a Commonwealth law enforcement agency, the authorized survivor or the agency head, within 90 days from the date of death, shall submit certification of such death to the Commonwealth.

In addition, Section 1(d) of Act 51 of 2009 states, in part:

. . . the Commonwealth shall, from moneys payable out of the General Fund, pay to the surviving spouse or, if there is no surviving spouse, to the minor children of the paid firefighter, ambulance service or rescue squad member or law enforcement officer who died as a result of the performance of his duty the sum of \$100,000, adjusted in accordance with subsection (f) of this section, and an amount equal to the monthly salary, adjusted in accordance with subsection (f) of this section, of the deceased paid firefighter, ambulance service or rescue squad member or law enforcement officer, less any workers' compensation or pension or retirement benefits paid to such survivors, and shall continue such monthly payments until there is no eligible beneficiary to receive them. For the purpose of this subsection, the term "eligible beneficiary" means the surviving spouse or the child or children under the age of eighteen years or, if attending college, under the age of twenty-three years, of the firefighter, ambulance service or rescue squad member or law enforcement officer who died as a result of the performance of his duty. When no spouse or minor children survive, a single sum of \$100,000, adjusted in accordance with subsection (f) of this section, shall be paid to the parent or parents of such firefighter, ambulance service member, rescue squad member or law enforcement officer. (Emphasis added)

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 2 – (Continued)

Furthermore, Section 2 of Act 51 of 2009 states:

Repeals are as follows:

- (1) The General Assembly declares that the repeals under paragraph (2) are necessary to effectuate the amendment of section 1 of the act.
- (2) The following parts of acts are repealed:
 - (i) Section 5(e)(2) of the act of May 29, 1956 (1955 P.L.1804, No. 600), referred to as the Municipal Police Pension Law.
 - (ii) Section 202(b)(3)(vi) and (4)(vi) of the act of December 18, 1984 (P.L.1005, No. 205), known as the Municipal Pension Plan Funding Standard and Recovery Act.

Therefore, since Act 51 specifically repealed the killed in service provision of Act 600, the provision of a killed in service benefit is no longer authorized. In addition, the borough is no longer funding for this killed in service benefit since it is no longer contained in Act 205 valuation reports

Cause: Plan officials were successful in removing the killed in service benefit through the collective bargaining process; however, plan officials again failed to implement adequate internal control procedures to ensure the plan's governing document was updated to include the benefit modification and compliance with Act 600 and our prior recommendation.

Effect: Since Section 1 of Act 51 provides that the Commonwealth is obligated to pay the killed in service benefit less any pension or retirement benefits paid to eligible survivors, the continued provision of a killed in service benefit in the plan document could result in the pension plan being obligated to pay a benefit that is no longer authorized by Act 600 and would have been paid entirely by the Commonwealth absent such provision.

Recommendation: Since the borough was successful in negotiating the removal of the formerly authorized, killed in service provision through collective bargaining and the benefit is no longer being funded by the borough through the plan's actuarial valuation report, considering the plan's funded status and the liability for delinquent employer contributions owed by the municipality, we again urge borough officials, with assistance from their solicitor, update the plan's governing document to eliminate this unauthorized killed in service benefit in conjunction with Act 51 at its earliest opportunity to do so.

Management's Response: Municipal officials agreed with the finding without exception.

Auditor's Conclusion: Based on the management response, it appears municipal officials intend to comply with the finding recommendation. Compliance will be evaluated during our next audit of the plan.

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 3 – Incorrect Data On Certification Form AG 385 Resulting In A Net Overpayment Of State Aid

Condition: The borough failed to certify an eligible non-uniformed employee (1 unit) and understated payroll by \$26,039 on the Certification Form AG 385 filed in 2016. In addition, the borough certified 2 ineligible police officers (4 units), 2 ineligible non-uniformed employees (2 units) and overstated total eligible payroll by \$321,445 on the Certification Form AG 385 filed in 2017. The borough also certified 3 ineligible police officers (6 units), an ineligible non-uniformed employee (1 unit) and overstated total eligible payroll by \$318,322 on the Certification Form AG 385 filed in 2018. The 2 ineligible police officers certified in 2017 retired effective July 23, 2015 and March 1, 2016, respectively, and the 3 additional ineligible police officers certified in 2018 retired effective July 23, 2015, March 1, 2017, and October 31, 2016, respectively, and entered the borough's Deferred Retirement Option Program (DROP). The data contained on these certification forms is based on prior calendar year information.

Criteria: Pursuant to Act 205, at Section 402(e)(2), in order to be eligible for certification, an employee must have been employed on a full-time basis for at least six consecutive months and must have been participating in a pension plan during the certification year.

Furthermore, Act 205 at Section 402(e)(2) states, in part:

For the purpose of computing and reporting the applicable number of units, a DROP participant shall not be reported to the Auditor General as an active employee.

Cause: Plan officials were unaware that DROP participants along with their compensation, are not eligible for certification and failed to establish adequate internal control procedures to ensure the accuracy of the data certified.

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 3 – (Continued)

Effect: The data submitted on these certification forms is used, in part, to calculate the state aid due to the municipality for distribution to its pension plans. Because the borough’s state aid allocations were based on unit value, the incorrect certification of pension data affected the borough’s state aid allocations, as identified below:

<u>Year</u>	<u>Type Of Plan</u>	<u>Units Overstated (Understated)</u>	<u>Unit Value</u>	<u>State Aid Overpayment</u>
2016	Non-Uniformed	(1)	\$ 4,375	<u>\$ (4,375)</u>
2017	Police	4	4,588	18,352
	Non-Uniformed	2	4,588	<u>9,176</u>
			Total	<u>\$ 27,528</u>
2018	Police	6	4,684	\$ 28,104
	Non-Uniformed	1	4,684	<u>4,684</u>
			Total	<u>\$ 32,788</u>
			Net Overpayment of State Aid	<u>\$ 55,941</u>

In addition, the borough used the overpayments of state aid to pay the minimum municipal obligations (MMOs) due to the police pension plan; therefore, if the reimbursement to the Commonwealth is made from the pension plan, the plan’s MMOs will not be fully paid.

Furthermore, the borough’s future state aid allocations may be withheld until the finding recommendation is complied with.

Recommendation: We recommend that the net overpayment of state aid, in the amount of \$55,941, plus interest, be returned to the Commonwealth. A check in this amount, with interest compounded annually from date of receipt to date of repayment, at a rate earned by the pension plan, should be made payable to: Commonwealth of Pennsylvania and mailed to: Department of the Auditor General, Municipal Pension & Fire Relief Programs Unit, 321 Finance Building, Harrisburg, PA 17120. A copy of the interest calculation must be submitted along with the check.

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 3 – (Continued)

We also recommend that in the future, plan officials establish adequate internal control procedures, such as having at least 2 people review the data certified, to ensure compliance with the instructions that accompany Certification Form AG 385 to assist them in accurately reporting the required pension data.

In addition, if the reimbursement to the Commonwealth is made from police pension plan funds, we recommend that any resulting MMO deficiencies be paid to the pension plan with interest, at a rate earned by the pension plan.

Management’s Response: Municipal officials agreed with the finding without exception.

Auditor’s Conclusion: Due to the potential withhold of state aid, the borough’s compliance with the finding recommendation will be monitored subsequent to the release of the audit report and through our next audit of the plan.

Finding No. 4 – Deferred Retirement Option Plan Not Adopted By Ordinance

Condition: The terms, provisions and conditions of the Deferred Retirement Option Plan (DROP) were adopted in the collective bargaining agreement between the Borough and its police benevolent association, effective January 1, 2015. However, the terms and conditions of the DROP have not been formally adopted by an ordinance that would properly amend the plan’s benefit structure.

Criteria: Act 600 at Section 1(a)(1) states, in part:

Each borough, town and township of this Commonwealth maintaining a police force of three or more full time members and each regional police department shall, and all other boroughs, towns or townships may, establish, by ordinance or resolution, a police pension fund. . . .

Furthermore, in *Wynne v. Lower Merion Township*, 181 Pa. Superior Ct., 524, the Pennsylvania Superior Court held that an ordinance may be amended only by another ordinance and not by a resolution.

Cause: Municipal officials were unaware that the borough should formally adopt the provisions of the DROP through a properly executed ordinance.

LANSDALE BOROUGH POLICE PENSION PLAN
FINDINGS AND RECOMMENDATIONS

Finding No. 4 – (Continued)

Effect: The failure to include the DROP benefit provisions in the plan’s governing document could result in inconsistent or improper benefit calculations and incorrect benefit payments from the pension plan.

Recommendation: We recommend that municipal officials take appropriate action to formally adopt the DROP through a properly executed ordinance at its earliest opportunity to do so.

Management’s Response: Municipal officials agreed with the finding without exception.

Auditor’s Conclusion: Compliance will be evaluated during our next audit of the plan.

LANSDALE BOROUGH POLICE PENSION PLAN
POTENTIAL WITHHOLD OF STATE AID

Finding No. 3 contained in this audit report cites an overpayment of state aid to the borough in the amount of \$55,941, plus interest. A condition of this nature may lead to a total withholding of state aid in the future unless that finding is corrected. A check in this amount with interest, at a rate earned by the pension plan, should be made payable to: Commonwealth of Pennsylvania, and mailed to: Department of the Auditor General, Municipal Pension & Fire Relief Programs Unit, 321 Finance Building, Harrisburg, PA 17120.

LANSDALE BOROUGH POLICE PENSION PLAN
SUPPLEMENTARY INFORMATION
(UNAUDITED)

The supplementary information contained on Pages 13 through 16 reflects the implementation of GASB Statement No. 67, *Financial Reporting for Pension Plans*. The objective of this statement is to improve financial reporting by state and local governmental pension plans.

SCHEDULE OF CHANGES IN THE NET PENSION
LIABILITY AND RELATED RATIOS
FOR THE YEARS ENDED DECEMBER 31, 2014 AND 2015

	<u>2014</u>	<u>2015</u>
Total Pension Liability		
Service cost	\$ 464,879	\$ 445,208
Interest	1,218,096	1,266,913
Difference between expected and actual experience	-	72,907
Changes of assumptions	-	(225,083)
Benefit payments, including refunds of member contributions	(769,465)	(825,860)
Net Change in Total Pension Liability	<u>913,510</u>	<u>734,085</u>
Total Pension Liability – Beginning	<u>17,321,232</u>	<u>18,234,742</u>
Total Pension Liability – Ending (a)	<u><u>\$ 18,234,742</u></u>	<u><u>\$ 18,968,827</u></u>
Plan Fiduciary Net Position		
Contributions – employer	\$ 868,240	\$ 940,183
Contributions – member	88,781	89,592
Net investment income	446,425	(186,697)
Benefit payments, including refunds of member contributions	(769,465)	(825,860)
Administrative expense	(3,600)	-
Net Change in Plan Fiduciary Net Position	<u>630,381</u>	<u>17,218</u>
Plan Fiduciary Net Position – Beginning	<u>14,280,403</u>	<u>14,910,784</u>
Plan Fiduciary Net Position – Ending (b)	<u><u>\$ 14,910,784</u></u>	<u><u>\$ 14,928,002</u></u>
Net Pension Liability – Ending (a-b)	<u><u>\$ 3,323,958</u></u>	<u><u>\$ 4,040,825</u></u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	81.77%	78.70%
Estimated Covered Employee Payroll	\$ 2,502,173	\$ 2,432,222
Net Pension Liability as a Percentage of Covered Employee Payroll	132.84%	166.14%

LANSDALE BOROUGH POLICE PENSION PLAN
SUPPLEMENTARY INFORMATION
(UNAUDITED)

SCHEDULE OF CHANGES IN THE NET PENSION
LIABILITY AND RELATED RATIOS
FOR THE YEARS ENDED DECEMBER 31, 2016, 2017, AND 2018

	<u>2016</u>	<u>2017</u>	<u>2018</u>
Total Pension Liability			
Service cost	\$ 467,468	\$ 501,861	\$ 526,954
Interest	1,324,630	1,444,312	1,507,322
Change of benefit terms	333,123	-	-
Difference between expected and actual experience	-	(177,335)	-
Changes of assumptions	-	738,669	-
Benefit payments, including refunds of member contributions	(872,577)	(1,182,204)	(1,081,101)
Net Change in Total Pension Liability	<u>1,252,644</u>	<u>1,325,303</u>	<u>953,175</u>
Total Pension Liability – Beginning	18,968,827	20,221,471	21,546,774
Total Pension Liability – Ending (a)	<u>\$20,221,471</u>	<u>\$21,546,774</u>	<u>\$22,499,949</u>
 Plan Fiduciary Net Position			
Contributions – employer	\$ 967,144	\$ 881,678	\$ 928,725
Contributions – member	87,906	88,372	79,326
Net investment income	681,493	1,753,336	(165,777)
Benefit payments, including refunds of member contributions	(872,577)	(1,182,204)	(1,081,101)
Administrative expense	(9,900)	(10,300)	(10,461)
Net Change in Plan Fiduciary Net Position	<u>854,066</u>	<u>1,530,882</u>	<u>(249,288)</u>
Plan Fiduciary Net Position – Beginning	14,928,002	15,782,068	17,312,950
Plan Fiduciary Net Position – Ending (b)	<u>\$15,782,068</u>	<u>\$17,312,950</u>	<u>\$17,063,662</u>
 Net Pension Liability – Ending (a-b)	<u>\$ 4,439,403</u>	<u>\$ 4,233,824</u>	<u>\$ 5,436,287</u>
 Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	78.05%	80.35%	75.84%
 Estimated Covered Employee Payroll	\$ 2,457,938	\$ 2,542,416	\$ 2,547,579
 Net Pension Liability as a Percentage of Covered Employee Payroll	180.61%	166.53%	213.39%

LANSDALE BOROUGH POLICE PENSION PLAN
SUPPLEMENTARY INFORMATION
(UNAUDITED)

Sensitivity Of The Net Pension Liability To Changes In The Discount Rate

The following presents the net pension liability of the borough as of December 31, 2014, 2015, 2016, 2017 and 2018, calculated using the discount rate of 7.0%, as well as what the borough's net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower or 1 percentage-point higher than the current rate:

	<u>1% Decrease (6.0%)</u>	<u>Current Discount Rate (7.0%)</u>	<u>1% Increase (8.0%)</u>
Net Pension Liability – 12/31/14	\$ 5,525,952	\$ 3,323,958	\$ 1,474,492
Net Pension Liability – 12/31/15	\$ 6,320,748	\$ 4,040,825	\$ 2,125,538
Net Pension Liability – 12/31/16	\$ 6,833,273	\$ 4,439,403	\$ 2,432,883
Net Pension Liability – 12/31/17	\$ 6,908,491	\$ 4,233,824	\$ 1,999,276
Net Pension Liability – 12/31/18	\$ 8,205,981	\$ 5,436,287	\$ 3,114,431

SCHEDULE OF CONTRIBUTIONS

<u>Year Ended December 31</u>	<u>Actuarially Determined Contribution</u>	<u>Actual Contributions</u>	<u>Contribution Deficiency (Excess)</u>	<u>Covered- Employee Payroll</u>	<u>Contributions as a Percentage of Covered- Employee Payroll</u>
2014	\$ 868,240	\$ 868,240	\$ -	\$ 2,502,173	34.70%
2015	940,183	940,183	-	2,432,222	38.66%
2016	967,144	967,144	-	2,457,938	39.35%
2017	881,678	881,678	-	2,542,416	34.68%
2018	343,176	343,176	-	2,547,579	13.47%

LANSDALE BOROUGH POLICE PENSION PLAN
SUPPLEMENTARY INFORMATION
(UNAUDITED)

SCHEDULE OF INVESTMENT RETURNS

Annual Money-Weighted Rate of Return, Net of Investment Expense:

2018	0.11%
2017	11.58%
2016	1.85%
2015	(5.66%)
2014	3.22%

LANSDALE BOROUGH POLICE PENSION PLAN
 SUPPLEMENTARY INFORMATION
 (UNAUDITED)

SCHEDULE OF FUNDING PROGRESS

Historical trend information about the plan is presented herewith as supplementary information. It is intended to help users assess the plan's funding status on a going-concern basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other state and local government retirement systems.

The actuarial information is required by Act 205 biennially. The historical information, beginning as of January 1, 2013, is as follows:

	(1)	(2)	(3)	(4)
Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) - Entry Age (b)	Unfunded (Assets in Excess of) Actuarial Accrued Liability (b) - (a)	Funded Ratio (a)/(b)
01-01-13	\$ 13,049,275	\$ 16,461,576	\$ 3,412,301	79.3%
01-01-15	14,910,784	18,082,566	3,171,782	82.5%
01-01-17	15,782,068	20,782,805	5,000,737	75.9%

LANSDALE BOROUGH POLICE PENSION PLAN
SUPPLEMENTARY INFORMATION
(UNAUDITED)

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies, and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the actuarial accrued liability as a factor.

Analysis of the dollar amount of the actuarial value of assets, actuarial accrued liability, and unfunded (assets in excess of) actuarial accrued liability in isolation can be misleading. Expressing the actuarial value of assets as a percentage of the actuarial accrued liability (Column 4) provides one indication of the plan's funding status on a going-concern basis. Analysis of this percentage, over time, indicates whether the system is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the plan.

LANSDALE BOROUGH POLICE PENSION PLAN
SUPPLEMENTARY INFORMATION
NOTES TO SUPPLEMENTARY SCHEDULES
(UNAUDITED)

The information presented in the supplementary schedules was determined as part of the actuarial valuation at the date indicated. Additional information as of the latest actuarial valuation date follows:

Actuarial valuation date	January 1, 2017
Actuarial cost method	Entry age normal
Amortization method	Level dollar
Remaining amortization period	10 years
Asset valuation method	Market value
Actuarial assumptions:	
Investment rate of return	7.0%
Projected salary increases	5.0%
Cost-of-living adjustments	Equal to CPI increase with a maximum total increase of 30%. Maximum pension benefit is 75% of salary used to compute retirement benefits.

LANSDALE BOROUGH POLICE PENSION PLAN
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